

GenCore version 5.1.5
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OM nucleic - nucleic search, using sw model

Run on: June 1, 2003, 20:21:20 ; Search time 290 Seconds
(without alignments)
10377.762 Million cell updates/sec

Title: US-09-625-573-1
Perfect score: 2232
Sequence: 1 GGATGACAAAGGACGATT.....TATACTATGTTGATAAAG 2232

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 845702 seqs, 674182571 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1691404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Published Applications NA: *
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6: /cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq.*
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13: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq.*
14: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1152	51.6	143068	10	US-09-967-768A-316
2	890	39.9	1083	10	US-09-131-827A-1
3	839	37.6	1083	10	US-09-131-827A-19
4	65	2.9	792	10	US-09-938-719-1
5	65	2.9	792	10	US-09-938-719-2
6	65	2.9	792	10	US-09-938-703-1
7	65	2.9	1056	10	US-09-779-879A-21
8	65	2.9	1056	10	US-09-779-880A-21
9	65	2.9	1225	10	US-09-813-653-14
10	65	2.9	1225	10	US-09-813-653-16
11	65	2.9	1376	9	US-10-086-814-2
12	65	2.9	1376	10	US-09-796-202-2
13	65	2.9	1414	9	US-10-232-686-1
14	65	2.9	1414	10	US-09-725-285-1
15	65	2.9	1414	10	US-09-779-879A-1
16	65	2.9	1414	10	US-09-779-880A-1
17	65	2.9	1414	10	US-09-195-662A-1
18	65	2.9	1414	10	US-09-339-912A-1
19	65	2.9	1414	10	US-09-502-783A-1

20	65	2.9	1442	10	US-09-938-719-3	Sequence 3, Appli
21	65	2.9	1442	10	US-09-939-226-3	Sequence 3, Appli
22	65	2.9	1442	10	US-09-938-703-3	Sequence 3, Appli
23	65	2.9	1477	10	US-09-759-841-1	Sequence 1, Appli
24	65	2.9	1477	10	US-09-938-719-2	Sequence 2, Appli
25	65	2.9	1477	10	US-09-939-226-2	Sequence 2, Appli
26	65	2.9	1477	10	US-09-938-703-2	Sequence 2, Appli
27	65	2.9	3383	9	US-09-734-221A-13	Sequence 13, Appli
28	65	2.9	3383	12	US-10-106-623-1	Sequence 1, Appli
29	35	1.6	1059	12	US-10-106-623-19	Sequence 19, Appli
30	30	1.3	30	10	US-09-736-863-51	Sequence 51, Appli
31	28	1.3	147	10	US-09-938-719-12	Sequence 12, Appli
32	28	1.3	147	10	US-09-939-226-12	Sequence 12, Appli
33	28	1.3	147	10	US-09-938-703-12	Sequence 12, Appli
34	27	1.2	27	9	US-09-755-088-3	Sequence 3, Appli
35	27	1.2	27	10	US-09-339-103-3	Sequence 3, Appli
36	27	1.2	27	10	US-09-736-863-52	Sequence 52, Appli
37	27	1.2	27	10	US-09-736-863-54	Sequence 54, Appli
38	26	1.2	32	9	US-09-888-938-14	Sequence 14, Appli
39	24	1.1	24	10	US-09-895-723-3	Sequence 3, Appli
40	24	1.1	24	10	US-09-840-459-3	Sequence 3, Appli
41	24	1.1	1089	9	US-10-139-483-1	Sequence 1, Appli
42	24	1.1	1113	10	US-09-796-965-1	Sequence 1, Appli
43	24	1.1	2328	9	US-10-139-483-5	Sequence 5, Appli
44	22	1.0	22	10	US-09-736-863-14	Sequence 14, Appli
45	22	1.0	32167	9	US-09-764-891-8197	Sequence 8197, Ap

ALIGNMENTS

RESULT 1
US-09-967-768A-316
; Sequence 316, Application US/09967768A
; Patent No. US20020150877A1
; GENERAL INFORMATION:
; APPLICANT: Augustus, Meena
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Sigs
; TITLE OF INVENTION: Sets
; FILE REFERENCE: 689290-72
; CURRENT APPLICATION NUMBER: US/09/967,768A
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: US/60/236,109
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,034
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,111
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 325
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 316
; LENGTH: 143068
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-967-768A-316

Query Match 51.6%; Score 1152; DB 10; Length 143068;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 1252; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY	979	AGCCTTTTTCACATAGCTCTGGCTGTAGGATTCGCCACCTCCAAAACCAAGTGTGTGGA	1038
Db	48253	AGCCTTTTTCACATAGCTCTGGCTGTAGGATTCGCCACCTCCAAAACCAAGTGTGTGGA	48312
QY	1039	GGTCCAGAGTGAGACACGAGAAAGATGTGAAAGTGACTACACAGGACTCCTCGATGGT	1098
Db	48313	GGTCCAGAGTGAGACACGAGAAAGATGTGAAAGTGACTACACAGGACTCCTCGATGGT	48372
QY	1099	CGTGGAAAAGAAAGTCAATTTGGCAGAGCCCTTGAAGCCATCTTCAGGACAAAGAGGA	1158
Db	48373	CGTGGAAAAGAAAGTCAATTTGGCAGAGCCCTTGAAGCCATCTTCAGGACAAAGAGGA	48432
QY	1159	GCCTAGAGACAGAAATGACAGATCTCTGCTTTGGAAATCACACGCTCTGGCTTCACAGATG	1218

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Db 48433 GCTAGAGACAGAAATGACAGATCTCTGCTTGGAAATCACACGCTCTGGCTTCACAGATG 48492
Qy 1219 TGTGATTACAGTGTGAATCTTGGTGTCTAGCTTACAGCAGCAGGAGGCTGAGAGAGAG 1278
Db 48493 TGTGATTACAGTGTGAATCTTGGTGTCTAGCTTACAGCAGCAGGAGGCTGAGAGAGAG 48552
Qy 1279 AGACTCCAGCTGGTGGTGGAAACAGATATTTTCCAACTACTCTCCAGTTCCTCATTTTGG 1338
Db 48553 AGACTCCAGCTGGTGGTGGAAACAGATATTTTCCAACTACTCTCCAGTTCCTCATTTTGG 48612
Qy 1339 AATACAGGATAGAGTTCAGACTTTTAAATAGTAAATATAAATTAAGCTGAAAC 1398
Db 48613 AATACAGGATAGAGTTCAGACTTTTAAATAGTAAATATAAATTAAGCTGAAAC 48672
Qy 1399 TCCAACTTGAATGTGGTAAAGAGTAGTTTGCAGTTGCTATCATGTCCAACTGAAAT 1458
Db 48673 TCCAACTTGAATGTGGTAAAGAGTAGTTTGCAGTTGCTATCATGTCCAACTGAAAT 48732
Qy 1459 GCTGTATTAGTCACAGAGATAATCTTAGCTTTAGCTTAAAGATTTTGGAGGTGGTAT 1518
Db 48733 GCTGTATTAGTCACAGAGATAATCTTAGCTTTAGCTTAAAGATTTTGGAGGTGGTAT 48792
Qy 1519 GTTGGGAGACTGCTGAGTCAACCAATAGTTGTTGATTTGGCAGGAGTTGGAAAGTGTG 1578
Db 48793 GTTGGGAGACTGCTGAGTCAACCAATAGTTGTTGATTTGGCAGGAGTTGGAAAGTGTG 48852
Qy 1579 ATCTGTGGGACATATGAGCTATGTCATGAGCAGCATCTAAGTAAATGATGCTTTGAATCA 1638
Db 48853 ATCTGTGGGACATATGAGCTATGTCATGAGCAGCATCTAAGTAAATGATGCTTTGAATCA 48912
Qy 1639 CAGTATAGCTCCATCGCTGTCATCTCAGCTGGATTCATCTCAGAGCTTGCCTGCA 1698
Db 48913 CAGTATAGCTCCATCGCTGTCATCTCAGCTGGATTCATCTCAGAGCTTGCCTGCA 48972
Qy 1699 AAAGCCTTTGTTGTTTGTGTTATCATATGAGTATGATGCTTAAATGAGTGGGAA 1758
Db 48973 AAAGCCTTTGTTGTTTGTGTTATCATATGAGTATGATGCTTAAATGAGTGGGAA 49032
Qy 1759 GTTTCAGTCTTCGAGATGCTTGTGATGCTCATATGTTTCCCTAATTTGCCAGTGGAA 1818
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Qy 1819 CTCCTAAATCAATTTGGCTTCTAATCAAGCTTTTAAACCTTATTTGGAAGTGGAA 1878
Db 49093 CTCCTAAATCAATTTGGCTTCTAATCAAGCTTTTAAACCTTATTTGGAAGTGGAA 49152
Qy 1879 GTGAGAGCTCCTGAGTAAAGCAAGACTTTCCTTATGTCGAGCAGCAAGTAAAGATG 1938
Db 49153 GTGAGAGCTCCTGAGTAAAGCAAGACTTTCCTTATGTCGAGCAGCAAGTAAAGATG 49212
Qy 1939 TTCTTATGTTGCCAGTGTGTTTCTGATCTGATGCAAGCAAGAACTGGGCTTCTAGA 1998
Db 49213 TTCTTATGTTGCCAGTGTGTTTCTGATCTGATGCAAGCAAGAACTGGGCTTCTAGA 49272
Qy 1999 ACCAGGCAACTTGGGAATAGACTCCCAAGCTGAGTATGCTTACTTTCAGGCCACAT 2058
Db 49273 ACCAGGCAACTTGGGAATAGACTCCCAAGCTGAGTATGCTTACTTTCAGGCCACAT 49332
Qy 2059 GGCTAAGAGGTTTCAAGAAAGTGGGACAGAGCAGAACTTTCACCTTCATATATTT 2118
Db 49333 GGCTAAGAGGTTTCAAGAAAGTGGGACAGAGCAGAACTTTCACCTTCATATATTT 49392
Qy 2119 GTATGATCTTAATGATGCAATAAATCTTAAGTTGATGGTCAATGAAATGAAATGCTT 2178
Db 49393 GTATGATCTTAATGATGCAATAAATCTTAAGTTGATGGTCAATGAAATGAAATGCTT 49452
Qy 2179 TTTTAACTATGATTTGGAAATTAATCAATGCTATAAATGCTTATGATAAAG 2232
Db 49453 TTTTAACTATGATTTGGAAATTAATCAATGCTATAAATGCTTATGATAAAG 49506
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RESULT 2

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US-09-131-827A-1
; Sequence 1, Application US/09131827A
; Patent No. US20020038469A1
; GENERAL INFORMATION:
; APPLICANT: Dean, Michael
; APPLICANT: O'Brien, Stephen J.
; APPLICANT: Smith, Michael
; APPLICANT: Carrington, Mary
; TITLE OF INVENTION: DELAYED PROGRESSION TO AIDS BY A
; FILE REFERENCE: 14014.0333
; CURRENT APPLICATION NUMBER: US/09/131,827A
; CURRENT FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/055,659
; PRIOR FILING DATE: 1997-08-14
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 1083
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(1080)
US-09-131-827A-1
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Query Match 39.9%; Score 890; DB 10; Length 1083;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 940; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 40 ATGCTGTCCACATCTCGTTCCTCGGTTTATCAGAAATACCAAGAGAGCGGTGAAGAGTC 99
Db 1 ATGCTGTCCACATCTCGTTCCTCGGTTTATCAGAAATACCAAGAGAGCGGTGAAGAGTC 60
Qy 100 ACCACCTTTTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 159
Db 61 ACCACCTTTTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 120
Qy 160 GGGGCCCAACTCTCGCTCCGCTCTACTCGCTGGTGTTCATCTTTGGTGGTGGCAAC 219
Db 121 GGGGCCCAACTCTCGCTCCGCTCTACTCGCTGGTGTTCATCTTTGGTGGTGGCAAC 180
Qy 220 ATGCTGTGCTGCTCATCTTTAATAAAGCTGAAAGCTGCTTACATGACATTTAC 279
Db 181 ATGCTGTGCTGCTCATCTTTAATAAAGCTGAAAGCTGCTTACATGACATTTAC 240
Qy 280 CTGCTCAACCTGGCCATCTCTGATCTGCTTTTCTTATCTCTCCCATTTGGGCTCAC 339
Db 241 CTGCTCAACCTGGCCATCTCTGATCTGCTTTTCTTATCTCTCCCATTTGGGCTCAC 300
Qy 340 TCTGCTGCAAAATGAGTGGGTCTTTGGGAATGCAATGTGCAAAATTTACACAGGCTGAT 399
Db 301 TCTGCTGCAAAATGAGTGGGTCTTTGGGAATGCAATGTGCAAAATTTACACAGGCTGAT 360
Qy 400 CACATCGGTTATTTGGCGGAATCTTCTTTCATCATCTCTGCAATCGATAGATACCTG 459
Db 361 CACATCGGTTATTTGGCGGAATCTTCTTTCATCATCTCTGCAATCGATAGATACCTG 420
Qy 460 GCTATTGTCCATGCTGCTGTTGCTTTAAAGCCAGGAGCGGTCCACCTTTGGGCTGACA 519
Db 421 GCTATTGTCCATGCTGCTGTTGCTTTAAAGCCAGGAGCGGTCCACCTTTGGGCTGACA 480
Qy 520 AGTGTGATCACCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 579
Db 481 AGTGTGATCACCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 540
Qy 580 TCCAGAAAGAGATCTCTTTTATGCTGTGGCCCTTATTTTCCAGAGGATGAATAT 639
Db 541 TCCAGAAAGAGATCTCTTTTATGCTGTGGCCCTTATTTTCCAGAGGATGAATAT 600
Qy 640 TTCCACACAATAATGAGGAACATTTTGGGCTGGTGGTGGTGGTGGTGGTGGTGGTGGT 699
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QY 700 TGCTACTCGGGAATCTTGAACCCCTGCTTCGGGTGTCGAAACGAGAGAGGATAGG 759
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QY 760 GCAGTGAGAGTCATCTTCCACCATCATGATGTTTACCTTCTCTGCTGACCTTAAAC 819
Db 721 GCAGTGAGAGTCATCTTCCACCATCATGATGTTTACCTTCTCTGCTGACCTTAAAC 780
QY 820 ATTGTCATCTCCCTGACACCTTCCAGAAATCTTCGSCCTGAGTAACTGTGAAGACCC 879
Db 781 ATTGTCATCTCCCTGACACCTTCCAGAAATCTTCGSCCTGAGTAACTGTGAAGACCC 840
QY 880 AGTCAACTGGACCAAGCCACGAGTGACAGAGACTCTTGGGATGACTCACTGCTGCATC 939
Db 841 AGTCAACTGGACCAAGCCACGAGTGACAGAGACTCTTGGGATGACTCACTGCTGCATC 900
QY 940 AATCCCATCATCTATGCTTCGTTGGGGAGAGTTTCAAG 980
Db 901 AATCCCATCATCTATGCTTCGTTGGGGAGAGTTTCAAG 941

RESULT 3
US-09-131-827A-19
; Sequence 19, Application US/09131827A
; Patent No. US20020038469A1
; GENERAL INFORMATION:
; APPLICANT: Dean, Michael
; APPLICANT: O'Brien, Stephen J.
; APPLICANT: Smith, Michael
; APPLICANT: Carrington, Mary
; TITLE OF INVENTION: DELAYED PROGRESSION TO AIDS BY A
; FILE REFERENCE: 14014.0333
; CURRENT APPLICATION NUMBER: US/09/131.827A
; CURRENT FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/055,659
; PRIOR FILING DATE: 1997-08-14
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 1083
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-131-827A-19

Query Match 37.6%; Score 839; DB 10; Length 1083;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 939; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 40 ATGCTGTCCACATCTCGTCTCGGTTATCAGAAATACCAACGAGAGCGGTGAAGATC 99
Db 1 ATGCTGTCCACATCTCGTCTCGGTTATCAGAAATACCAACGAGAGCGGTGAAGATC 60
QY 100 ACCACCTTTTTCATGATGATTACCGTGTCTCCCTGTCATATAATTTGACGTGAAGCAAT 159
Db 61 ACCACCTTTTTCATGATGATTACCGTGTCTCCCTGTCATATAATTTGACGTGAAGCAAT 120
QY 160 GGGGCCCAACTCTCGCTCCGCTCTACTCGCTGGTGTATCTTTGTTTGGGCAAC 219
Db 121 GGGGCCCAACTCTCGCTCCGCTCTACTCGCTGGTGTATCTTTGTTTGGGCAAC 180
QY 220 ATGCTGTCTCTCATCTTAAATAACTGCAAAAGCTGAAGTCTTGACTGACATTTAC 279
Db 181 ATGCTGTCTCATCTTAAATAACTGCAAAAGCTGAAGTCTTGACTGACATTTAC 240
QY 280 CTGCTCAACCTGGCCATCTCTGATCTGCTTTTCTTATTACTCTCCCATTTGGGCTCAC 339
Db 241 CTGCTCAACCTGGCCATCTCTGATCTGCTTTTCTTATTACTCTCCCATTTGGGCTCAC 300
QY 340 TCTGCTGCAATAGTGGGCTTTGGGAATGCAATGTGCAAAATTTATTCACAGGCTGTAT 399
Db 301 TCTGCTGCAATAGTGGGCTTTGGGAATGCAATGTGCAAAATTTATTCACAGGCTGTAT 360

RESULT 4
US-09-938-719-1
; Sequence 1, Application US/09938719
; Patent No. US20020106742A1
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; APPLICANT: PARMENTIER, MARC
; APPLICANT: VASSART, GILBERT
; APPLICANT: LIBERT, FREDERICK
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Knobb, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/938,719
; FILING DATE: 24-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/626,939
; FILING DATE: 27-JULY-2000

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; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: <Unknown>
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 792 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
;
; NAME/KEY: CDS
; LOCATION: 240..791
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-938-719-1
Query Match 2.9%; Score 65; DB 10; Length 792;
Best Local Similarity 100.0%; Pred. No. 2.9e-24;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGTCACCTTTGGGGTGGTGACAAGTGTG 525
Db 630 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGTCACCTTTGGGGTGGTGACAAGTGTG 689

QY 526 ATCAC 530
Db 690 ATCAC 694

RESULT 5
US-09-939-226-1
; Sequence 1, Application US/09939226
; Patent No. US20020110805A1
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; PARMENTIER, MARC
; VASSART, GILBERT
; LIBERT, FREDERICK
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION NUMBER: US/09/939,226
; FILING DATE: 24-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/626,939
; FILING DATE: 2000-07-27
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: <Unknown>
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 792 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
;
; NAME/KEY: CDS
; LOCATION: 240..791
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-938-719-1
Query Match 2.9%; Score 65; DB 10; Length 792;
Best Local Similarity 100.0%; Pred. No. 2.9e-24;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGTCACCTTTGGGGTGGTGACAAGTGTG 525
Db 630 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGTCACCTTTGGGGTGGTGACAAGTGTG 689

QY 526 ATCAC 530
Db 690 ATCAC 694

RESULT 5
US-09-939-226-1
; Sequence 1, Application US/09939226
; Patent No. US20020110805A1
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; PARMENTIER, MARC
; VASSART, GILBERT
; LIBERT, FREDERICK
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION NUMBER: US/09/939,226
; FILING DATE: 24-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/626,939
; FILING DATE: 2000-07-27
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: <Unknown>
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 792 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
;
; NAME/KEY: CDS
; LOCATION: 240..791
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-938-719-1
Query Match 2.9%; Score 65; DB 10; Length 792;
Best Local Similarity 100.0%; Pred. No. 2.9e-24;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGTCACCTTTGGGGTGGTGACAAGTGTG 525
Db 630 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGTCACCTTTGGGGTGGTGACAAGTGTG 689

QY 526 ATCAC 530
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; NAME/KEY: CDS
; LOCATION: 240..791
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-939-226-1
Query Match 2.9%; Score 65; DB 10; Length 792;
Best Local Similarity 100.0%; Pred. No. 2.9e-24;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGTCACCTTTGGGGTGGTGACAAGTGTG 525
Db 630 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGTCACCTTTGGGGTGGTGACAAGTGTG 689

QY 526 ATCAC 530
Db 690 ATCAC 694

RESULT 6
US-09-938-703-1
; Sequence 1, Application US/09938703
; Patent No. US20020110870A1
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; PARMENTIER, MARC
; VASSART, GILBERT
; LIBERT, FREDERICK
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION NUMBER: US/09/938,703
; FILING DATE: 24-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/626,939
; FILING DATE: 2000-07-27
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: <Unknown>
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 792 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
;
; NAME/KEY: CDS
; LOCATION: 240..791
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-938-703-1
Query Match 2.9%; Score 65; DB 10; Length 792;
Best Local Similarity 100.0%; Pred. No. 2.9e-24;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGTCACCTTTGGGGTGGTGACAAGTGTG 525
Db 630 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGTCACCTTTGGGGTGGTGACAAGTGTG 689

QY 526 ATCAC 530
Db 690 ATCAC 694
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;
; NAME/KEY: CDS
; LOCATION: 240..791
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-938-703-1
Query Match 2.9%; Score 65; DB 10; Length 792;
Best Local Similarity 100.0%; Pred. No. 2.9e-24;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGTCACCTTTGGGGTGGTGACAAGTGTG 525
Db 630 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGTCACCTTTGGGGTGGTGACAAGTGTG 689

QY 526 ATCAC 530
Db 690 ATCAC 694
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QY 526 ATCAC 530
|
Db 690 ATCAC 694

RESULT 7

US-09-779-879A-21
; Sequence 21, Application US/09779879A
; Patent No. US20020048786A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Roschke, Viktor
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGNR10
; FILE REFERENCE: 1488.115000A
; CURRENT APPLICATION NUMBER: US/09/779,879A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,258
; PRIOR FILING DATE: 2000-02-09
; PRIOR APPLICATION NUMBER: US 60/187,999
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/234,336
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 21
; LENGTH: 1056
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1056)
US-09-779-879A-21

Query Match

Best Local Similarity 2.9%; Score 65; DB 10; Length 1056;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTTGCTTTAAAGCCAGGACGGTCACTTTGGGGTGGTGACAAGTGTG 525
|
Db 391 GTCCATGCTGTTGCTTTAAAGCCAGGACGGTCACTTTGGGGTGGTGACAAGTGTG 450

QY 526 ATCAC 530
|
Db 451 ATCAC 455

RESULT 8

US-09-779-880A-21
; Sequence 21, Application US/09779880A
; Patent No. US20020061834A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Roschke, Viktor
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGNR10
; FILE REFERENCE: 1488.115000C
; CURRENT APPLICATION NUMBER: US/09/779,880A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,258
; PRIOR FILING DATE: 2000-02-09
; PRIOR APPLICATION NUMBER: US 60/187,999
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/234,336
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 21
; LENGTH: 1056
; TYPE: DNA

; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1056)
US-09-779-880A-21

Query Match 2.9%; Score 65; DB 10; Length 1056;
Best Local Similarity 100.0%; Pred. No. 3e-24;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTTGCTTTAAAGCCAGGACGGTCACTTTGGGGTGGTGACAAGTGTG 525
|
Db 391 GTCCATGCTGTTGCTTTAAAGCCAGGACGGTCACTTTGGGGTGGTGACAAGTGTG 450

QY 526 ATCAC 530
|
Db 451 ATCAC 455

RESULT 9

US-09-813-653-14
; Sequence 14, Application US/09813653
; Patent No. US20020064770A1
; GENERAL INFORMATION:
; APPLICANT: Nestor, John
; APPLICANT: Wilson, Carol
; APPLICANT: See, Raymond
; APPLICANT: Tan Hehir, Christina
; TITLE OF INVENTION: Binding Compounds and Methods For Identifying Binding Compounds
; FILE REFERENCE: CNS-005
; CURRENT APPLICATION NUMBER: US 60/190,946
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: US 60/190,946
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/190,996
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/191,299
; PRIOR FILING DATE: 2000-03-21
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 1225
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (27)..(1085)
US-09-813-653-14

Query Match 2.9%; Score 65; DB 10; Length 1225;
Best Local Similarity 100.0%; Pred. No. 3.1e-24;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTTGCTTTAAAGCCAGGACGGTCACTTTGGGGTGGTGACAAGTGTG 525
|
Db 417 GTCCATGCTGTTGCTTTAAAGCCAGGACGGTCACTTTGGGGTGGTGACAAGTGTG 476

QY 526 ATCAC 530
|
Db 477 ATCAC 481

RESULT 10

US-09-813-653-16
; Sequence 16, Application US/09813653
; Patent No. US20020064770A1
; GENERAL INFORMATION:
; APPLICANT: Nestor, John
; APPLICANT: Wilson, Carol
; APPLICANT: See, Raymond
; APPLICANT: Tan Hehir, Christina
; TITLE OF INVENTION: Binding Compounds and Methods For Identifying Binding Compounds
; FILE REFERENCE: CNS-005

; CURRENT APPLICATION NUMBER: US/09/813,653
; CURRENT FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: US 60/190,946
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/190,996
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/191,299
; PRIOR FILING DATE: 2000-03-21
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 1225
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (27)..(1085)
US-09-813-653-16

Query Match 2.9%; Score 65; DB 10; Length 1225;
Best Local Similarity 100.0%; Pred. No. 3.1e-24;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 525
|||||
Db 417 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 476
|||||
QY 526 ATCAC 530
|||||
Db 477 ATCAC 481

RESULT 11
US-10-086-814-2
; Sequence 2, Application US/10086814
; Publication No. US20030092632A1
; GENERAL INFORMATION:
; APPLICANT: Dragic, Tatjana
; APPLICANT: Olson, William C.
; TITLE OF INVENTION: SULFATED CCR5 PEPTIDES FOR HIV-1 INFECTION
; FILE REFERENCE: 61010-AB-1
; CURRENT APPLICATION NUMBER: US/10/086,814
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 1376
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-086-814-2

Query Match 2.9%; Score 65; DB 9; Length 1376;
Best Local Similarity 100.0%; Pred. No. 3.1e-24;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 525
|||||
Db 630 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 689
|||||
QY 526 ATCAC 530
|||||
Db 690 ATCAC 694

RESULT 12
US-09-796-202-2
; Sequence 2, Application US/09796202
; Patent No. US20020068813A1
; GENERAL INFORMATION:
; APPLICANT: Dragic, Tatjana
; APPLICANT: Olson, William
; TITLE OF INVENTION: SULFATED CCR5 PEPTIDES FOR HIV-1 INFECTION
; FILE REFERENCE: 2048/61010/JPM/SHS

; CURRENT APPLICATION NUMBER: US/09/796,202
; CURRENT FILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 1376
; TYPE: DNA
; ORGANISM: human
US-09-796-202-2

Query Match 2.9%; Score 65; DB 10; Length 1376;
Best Local Similarity 100.0%; Pred. No. 3.1e-24;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 525
|||||
Db 630 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 689
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QY 526 ATCAC 530
|||||
Db 690 ATCAC 694

RESULT 13
US-10-232-686-1
; Sequence 1, Application US/10232686
; Publication No. US20030023044A1
; GENERAL INFORMATION:
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Human G-Protein Chemokine Receptor (CCR5) HDGMR10
; FILE REFERENCE: 1488.115000N
; CURRENT APPLICATION NUMBER: US/10/232,686
; CURRENT FILING DATE: 2002-09-03
; PRIOR APPLICATION NUMBER: 09/339,912
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/195,662
; PRIOR FILING DATE: 1998-11-18
; PRIOR APPLICATION NUMBER: 08/466,343
; PRIOR FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 1414
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (259)..(1314)
US-10-232-686-1

Query Match 2.9%; Score 65; DB 9; Length 1414;
Best Local Similarity 100.0%; Pred. No. 3.1e-24;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 525
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Db 649 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 708
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QY 526 ATCAC 530
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Db 709 ATCAC 713

RESULT 14
US-09-725-285-1
; Sequence 1, Application US/09725285
; Patent No. US20010000241A1
; GENERAL INFORMATION:
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Antibodies to Human G-Protein Chemokine Receptor HDGMR10
; TITLE OF INVENTION: (CCR5 Receptor)

Db 709 ATCAC 713
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Search completed: June 1, 2003, 22:56:12
Job time : 439 secs

FILE REFERENCE: 1488.1150003
CURRENT APPLICATION NUMBER: US/09/725,285
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: 09/339,912
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/195,662
PRIOR FILING DATE: 1998-11-16
PRIOR APPLICATION NUMBER: 08/466,343
PRIOR FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1
LENGTH: 1414
TYPE: DNA
ORGANISM: Artificial Sequence: Genomic
FEATURE:
NAME/KEY: CDS
LOCATION: (259)..(1314)
OTHER INFORMATION: Description of Artificial Sequence: Genomic
US-09-725-285-1

Query Match 2.9%; Score 65; DB 10; Length 1414;
Best Local Similarity 100.0%; Pred. No. 3.le-24;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 466 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCCACCTTTGGGGTGGTGACAAAGTGTG 525
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Db 649 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCCACCTTTGGGGTGGTGACAAAGTGTG 708
QY 526 ATCAC 530
|||||
Db 709 ATCAC 713

RESULT 15
US-09-779-879A-1
Sequence 1, Application US/09779879A
Patent No. US20020048786A1
GENERAL INFORMATION:
APPLICANT: Rosen, Craig A.
APPLICANT: Roschke, Viktor
APPLICANT: Li, Yi
APPLICANT: Ruben, Steven, M.
TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGNR10
FILE REFERENCE: 1488.115000A
CURRENT APPLICATION NUMBER: US/09/779,879A
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/181,258
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 60/187,999
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: US 60/234,336
PRIOR FILING DATE: 2000-09-22
NUMBER OF SEQ ID NOS: 58
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1
LENGTH: 1414
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (259)..(1314)
US-09-779-879A-1

Query Match 2.9%; Score 65; DB 10; Length 1414;
Best Local Similarity 100.0%; Pred. No. 3.le-24;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 466 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCCACCTTTGGGGTGGTGACAAAGTGTG 525
|||||
Db 649 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCCACCTTTGGGGTGGTGACAAAGTGTG 708
QY 526 ATCAC 530

